

beta-Catenin antibody (pAb)

Catalog No.: RA9023

Basic Information

Molecular weight

90 kDa

Category

Polyclonal antibody

Applications

IP, WB

Cross-Reactivity

Human

Background

beta-Catenin is a key downstream component of the canonical Wnt signaling pathway, plays an important role in the regulation of cell adhesion and embryonic development. In the absence of Wnt, it forms a complex with AXIN1, AXIN2, APC, CSNK1A1 and GSK3B that promotes phosphorylation on N-terminal Ser and Thr residues and ubiquitination of beta-Catenin via BTRC and subsequent degradation by the proteasome. In the presence of Wnt ligand, beta-Catenin is not ubiquitinated and accumulates in the nucleus, where it acts as a coactivator for transcription factors of the TCF/LEF family, leading to activation of Wnt responsive genes.

Recommended Dilutions

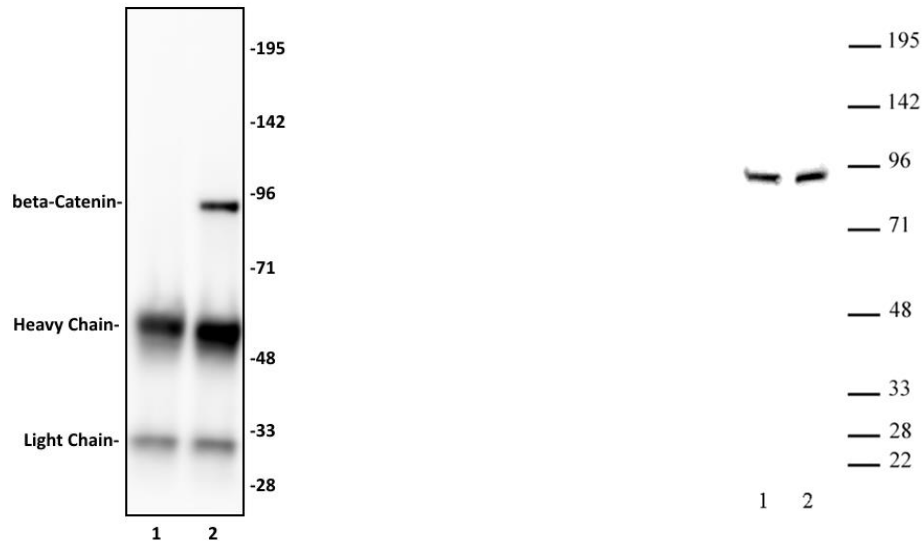
WB	1:500-1:2000
IP	10 μ l

Product Information

Source	Rabbit
Isotype	IgG
Purification	Affinity Purified
Storage buffer	Purified IgG in PBS with 30% glycerol and 0.035% sodium azide. Sodium azide is highly toxic.
Storage Conditions	Some products may be shipped at room temperature. This will not affect their stability or performance. Avoid repeated freeze/thaw cycles by aliquoting items into single-use fractions for storage at -20°C for up to 2 years. Keep all reagents on ice when not in storage.

Note: For in vitro research use only, not for diagnostic or therapeutic use, This product is not a medical device.
注意:在体外研究使用, 不用于诊断或治疗用途, 本产品不是医疗装置!





beta-Catenin antibody (pAb) tested by Immunoprecipitation. 10 ul of beta-Catenin antibody was used to immunoprecipitate beta-Catenin from 500 ug of HeLa whole cell extract (lane 2). 10 ul of rabbit IgG was used as a negative control (lane 1). The immunoprecipitated protein was detected by Western blotting using the beta-Catenin antibody at a dilution of 1:500.

beta-Catenin antibody (pAb) tested by Western blot. Detection of beta-Catenin antibody by Western blot analysis. Lane 1: A549 nuclear extract (30 ug). Lane 2: DU145 nuclear extract (20 ug). Both probed with beta-Catenin antibody at a dilution of 1:500.

